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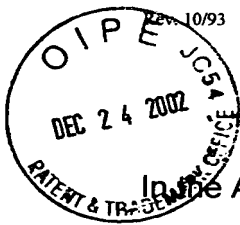
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10/081,301
BB1201 US DIV
37 CFR 1.25(a) PRELIMINARY AMENDMENT TO SEQUENCE LISTING - 2 PAGES,
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

REBECCA E. CAHOON

APPLICATION NO.: 10/081,301

FILED: FEBRUARY 20, 2002

FOR: VITAMIN B METABOLISM
PROTEINS

CASE NO.: BB-1201 US DIV

GROUP ART UNIT: 1652

EXAMINER: HUTSON, RICHARD G.

PATENT

37 C.F.R. 1.825(a) PRELIMINARY AMENDMENT TO SEQUENCE LISTING

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This is a Preliminary Amendment to the Sequence Listing pursuant to
C.F.R. 1.825(a).

Please enter the following:

IN THE SPECIFICATION:

Please replace the originally filed Sequence Listing with the enclosed
substitute Sequence Listing.

The substitute Sequence Listing now contains the following amendments:

At <130>, the correct attorney docket number is now set forth.

At <140>, the current U.S. application number has been inserted.

At <141>, the current U.S. filing date has been inserted.

At <150>, the U.S. provisional filing date is now set forth in proper format.

In SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:9 and SEQ ID NO:11, <223> has
been added (reciting "n=a, c, g, or t") to all originally listed Feature sections where
<221> recited "unsure".

In SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:10 and SEQ ID NO:12, <223>
has been added (reciting "Xaa = any amino acid") to all originally listed Feature
sections where <221> recited "unsure".

REMARKS

The substitute Sequence Listing enclosed herewith has been voluntarily
amended to facilitate its administrative processing, and not for reasons related to
patentability.